6. Gerald

Program Name: Gerald.java   **Input File: gerald.dat**

Gerald is just beginning to learn programming and still stumbles at times. He has a collection of data to use while practicing his programming skills. For now, he would like to extract some basic characteristics of that data like the smallest and largest numbers and the mean or average.

Can you help Gerald?

Input: An unknown number of lines containing whitespace-separated integers in the range [1000, 9999]. There will be no more than 100 integers.

Output: Just four items, the count of integers that were input, the smallest and largest integers found in the data and the mean or average displayed with exactly one digit after a decimal point. Label and format the results exactly as shown below in the sample output.

Sample input:
```
5867 4237 9708 9677 4971 2699 6391 7321 7171
7073 2882 5315 2708 7861 1856 9658 5354
6305 1764 9054 5554 7846 6725 8234 2305 7672 6042
1827 1882 9111 2406 5853 5911
7843 1410 3959 6975 2491 2331 9795 2855 7434
1262 1120 8278 2227 9911 3328 5967 9607 9878 1326
7138 4192 5937 2893 9403 2452 6843
2821 6871 5424 5376 3834 5234 8013 3037
1175 3983 2095 7873 8505
4781
```

Sample output:
```
COUNT:73
SMALLEST:1120
LARGEST:9911
MEAN:5412.6
```